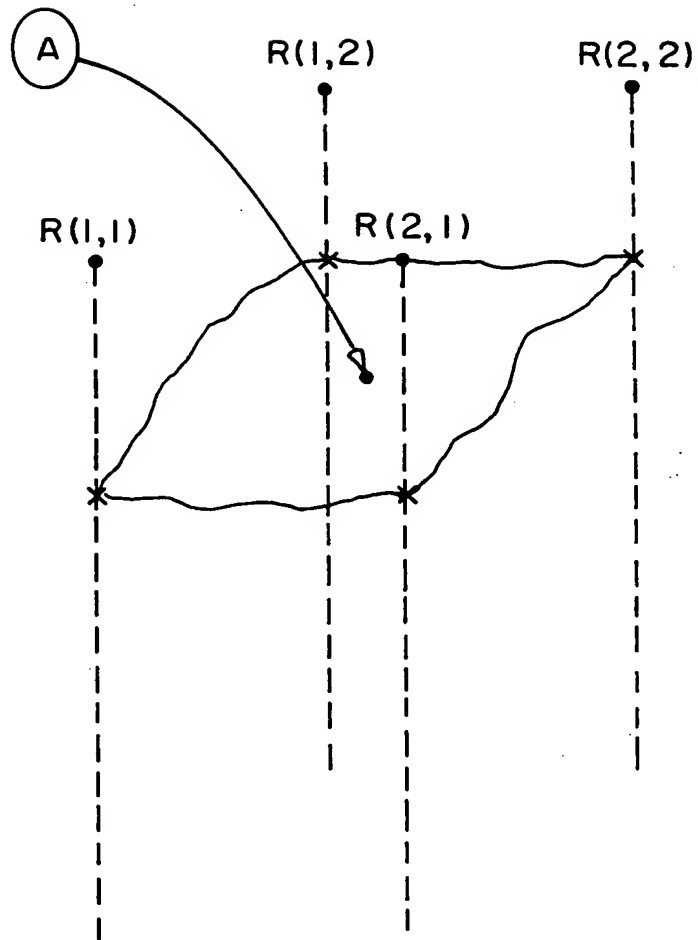
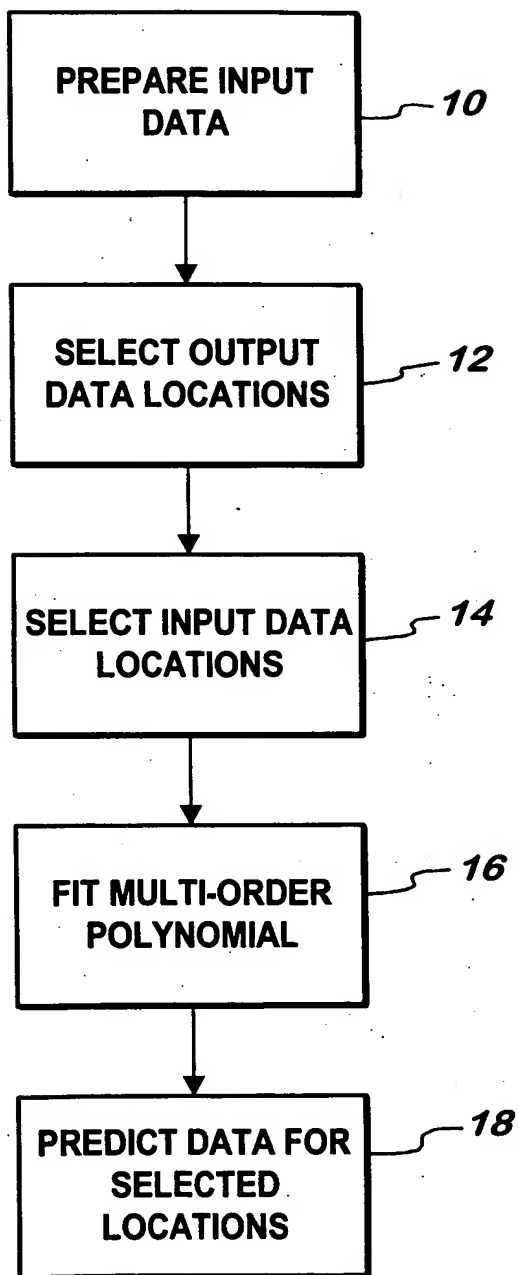


FIG. 1



**FIG. 1A**

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**FIG. 2**

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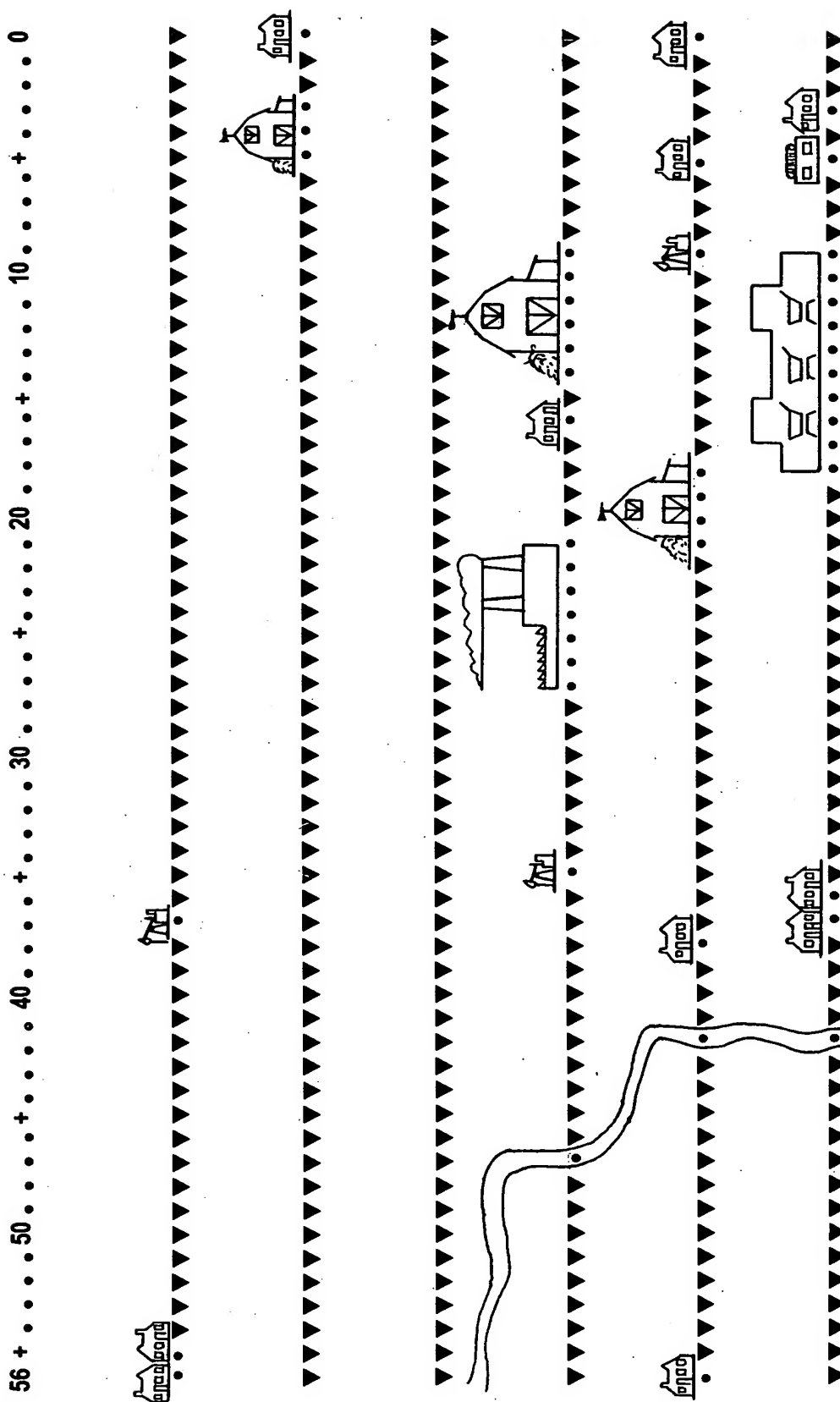
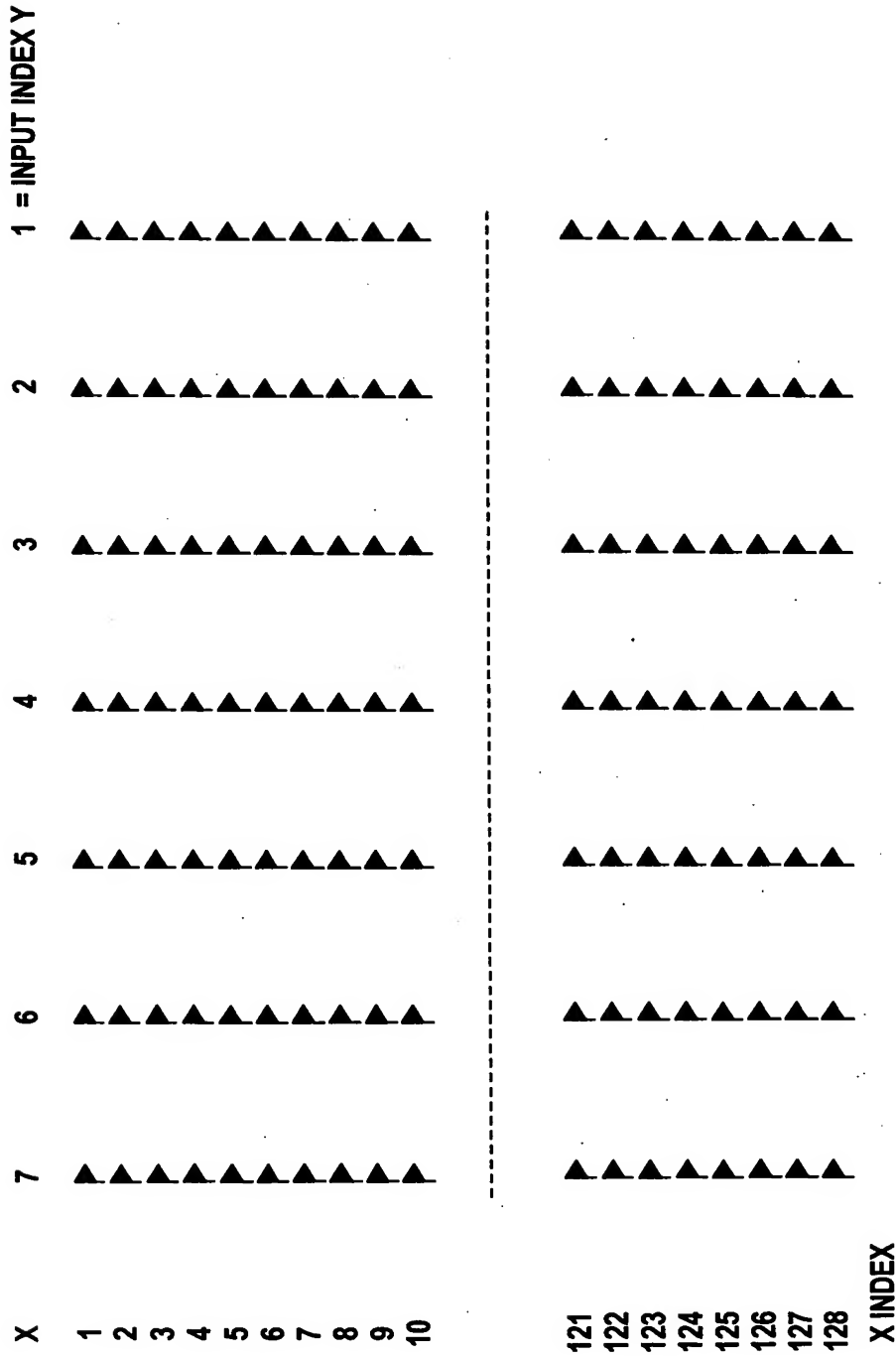


FIG. 3

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INPUT STN PATCH MAP

▶ = A LIVE STN

INPUT STATION PATCH SIZE = 128\*7 IN X\*Y; 896 TRACES PER OUTPUT SHOT

HORIZONTAL Y SCALE 480m

VERTICAL X SCALE 16m

FIG. 4

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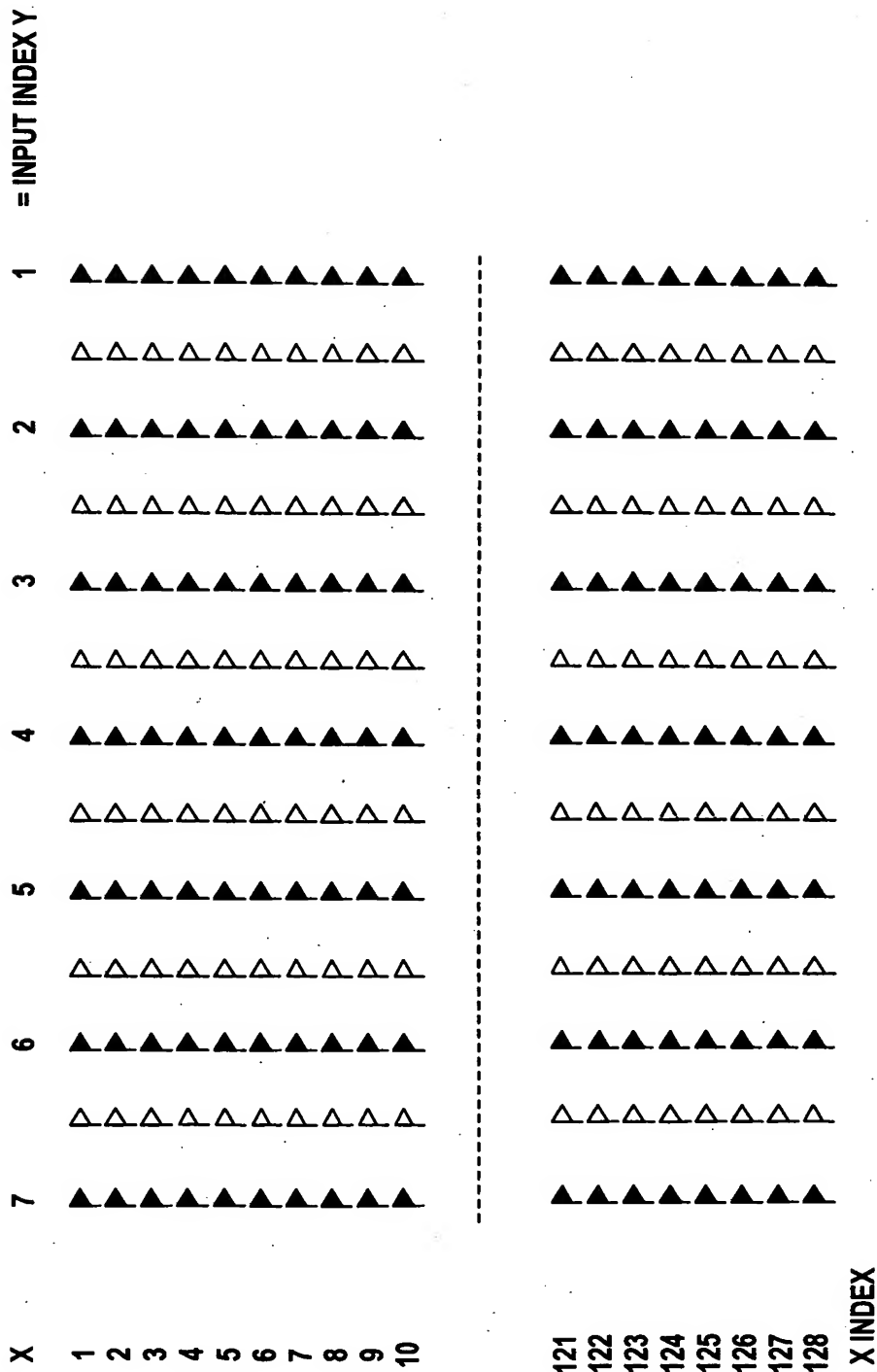


FIG. 5

INTERPOLATED STN PATCH MAP

▲ = A LIVE STN (COINCIDE WITH INPUT STN PATCH)

▼ = ADDED STN (ALSO FORM LINE IN X DIRECTION)

REDUCE STN LINE SPACING (ΔY) FROM 480 TO 240

INCREASE # OF STN LINES OF A PATCH FROM 7 TO 13 =  $(7-1)^2+1$

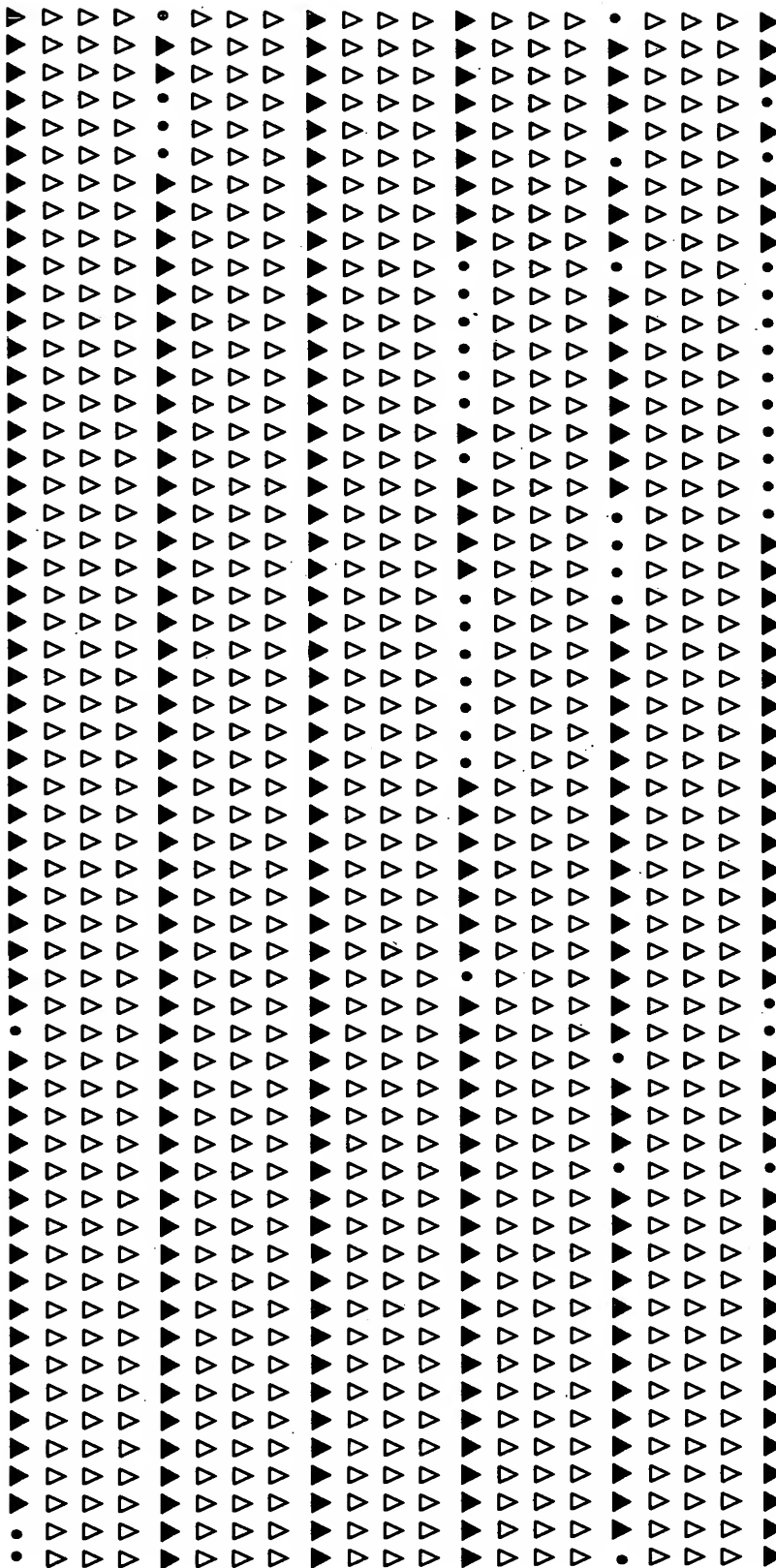
OUTPUT STATION PATCH SIZE =  $128^*13$  IN X+Y; 1664 TRACES PER OUTPUT SHOT

HORIZONTAL Y SCALE 240m (REDUCED BY HALF)

VERTICAL X SCALE 16m (NO CHANGE)

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56 + . . . . 50 . . . . + . . . . 40 . . . . + . . . . 30 . . . . + . . . . 20 . . . . + . . . . 10 . . . . + . . . . 0

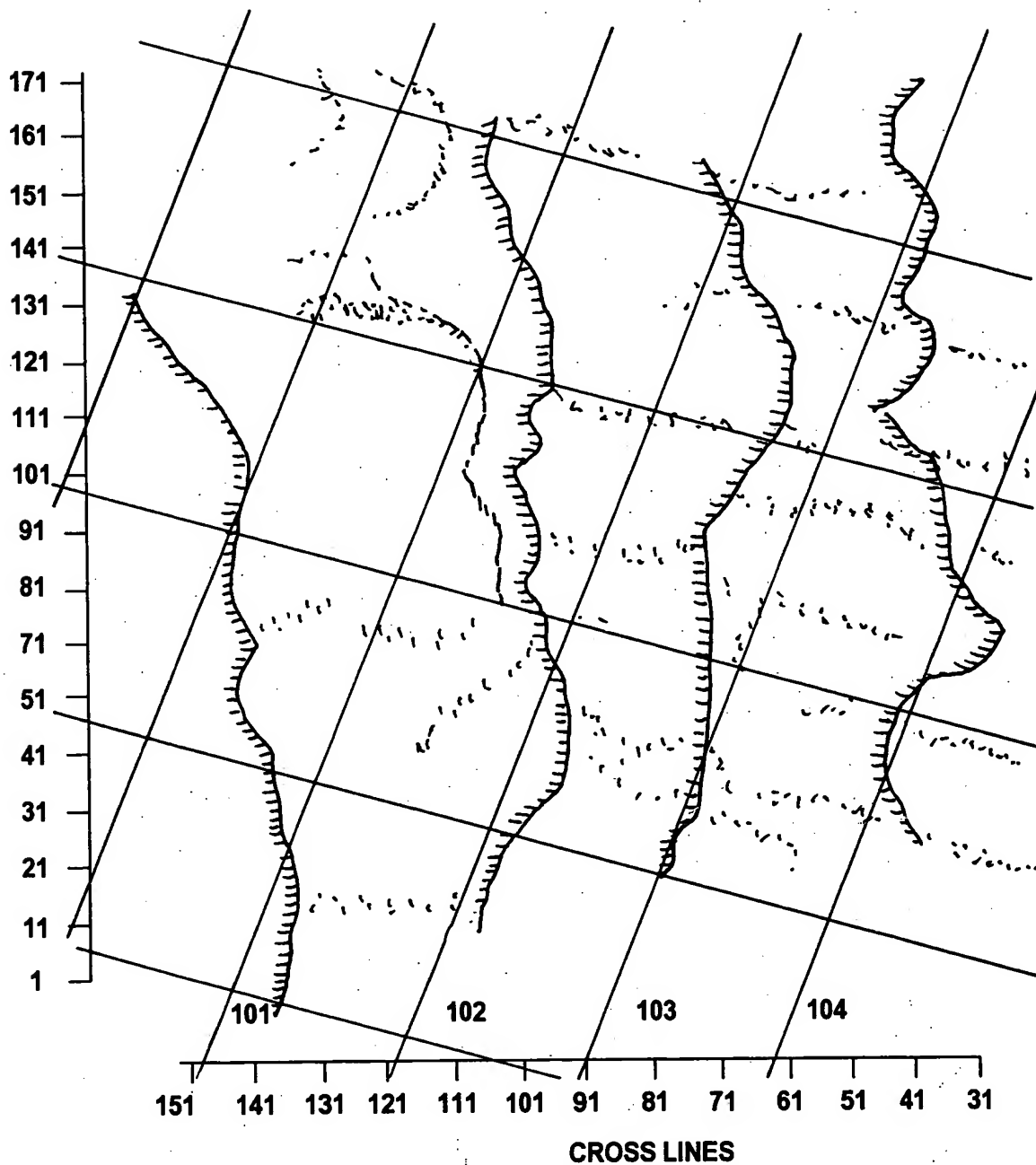


\*\*\*POINT POSITION MAP\*\*\*  
 HORIZONTAL Y SCALE 96m  
 VERTICAL X SCALE 128m

INPUT SHOT POSITION MAP  
 ▼ = A LIVE SHOT  
 • = NO SHOT  
 ▽ = INTERPOLATED SHOTS  
 TOTAL LIVE SHOTS = 317

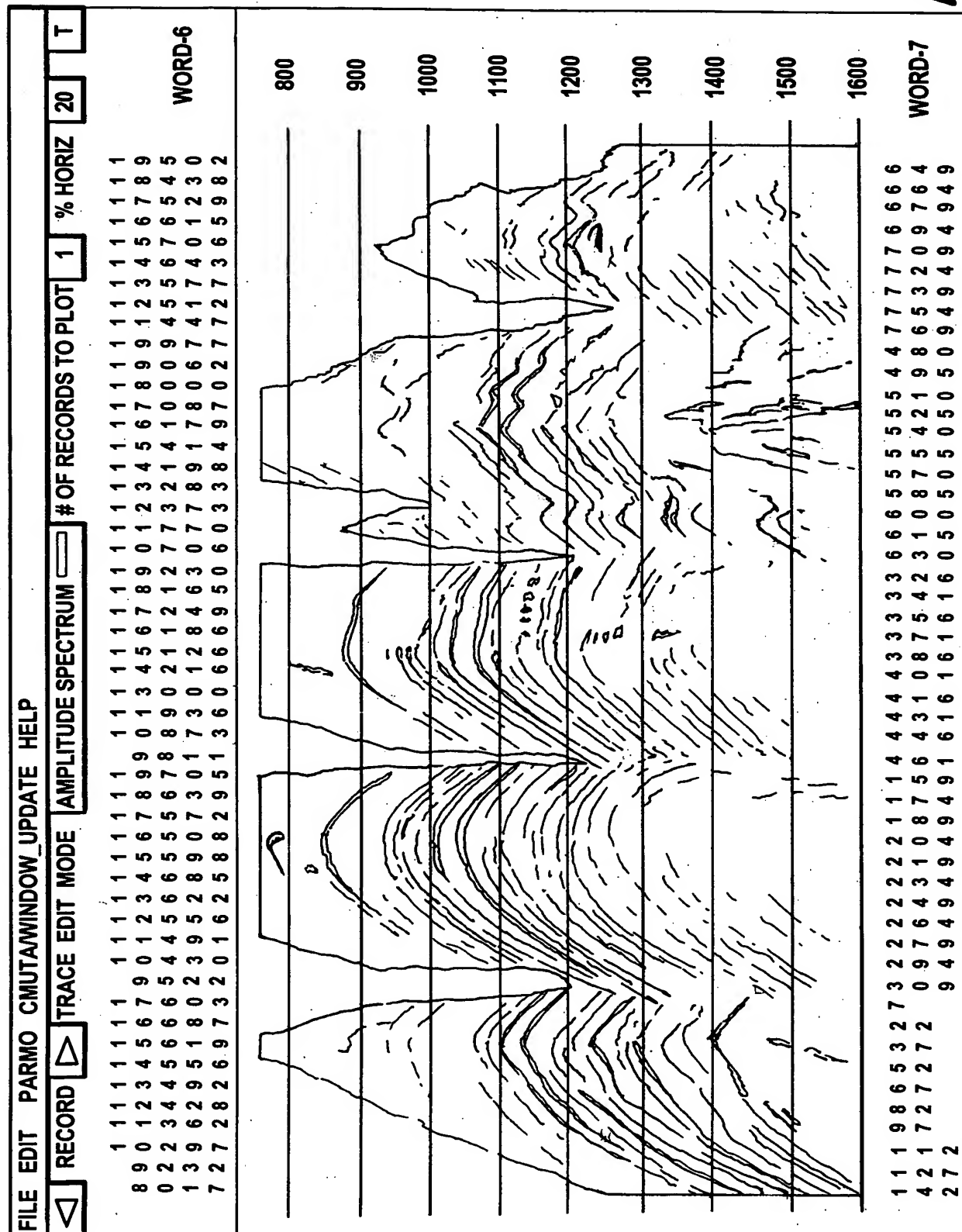
FIG. 6

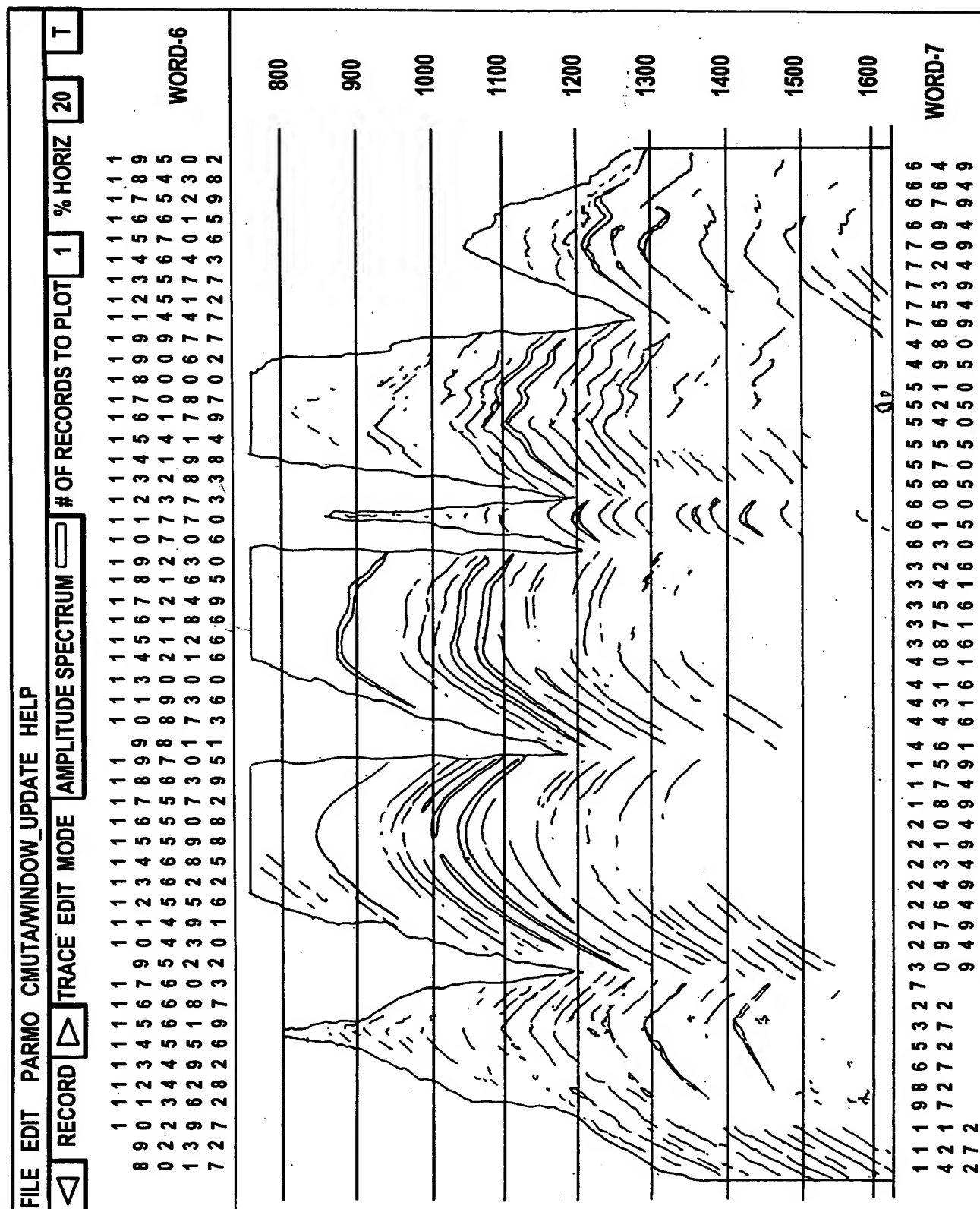
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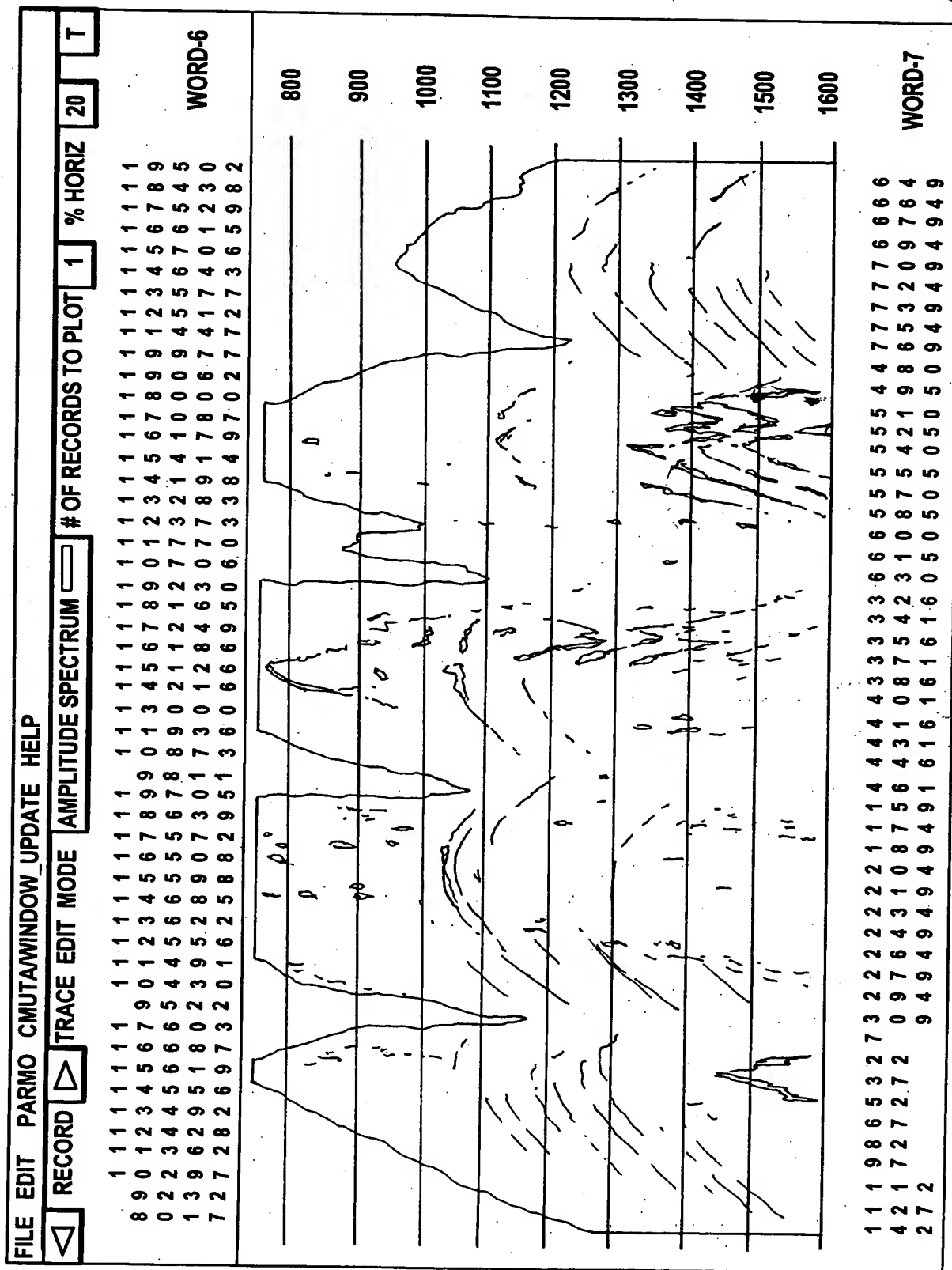


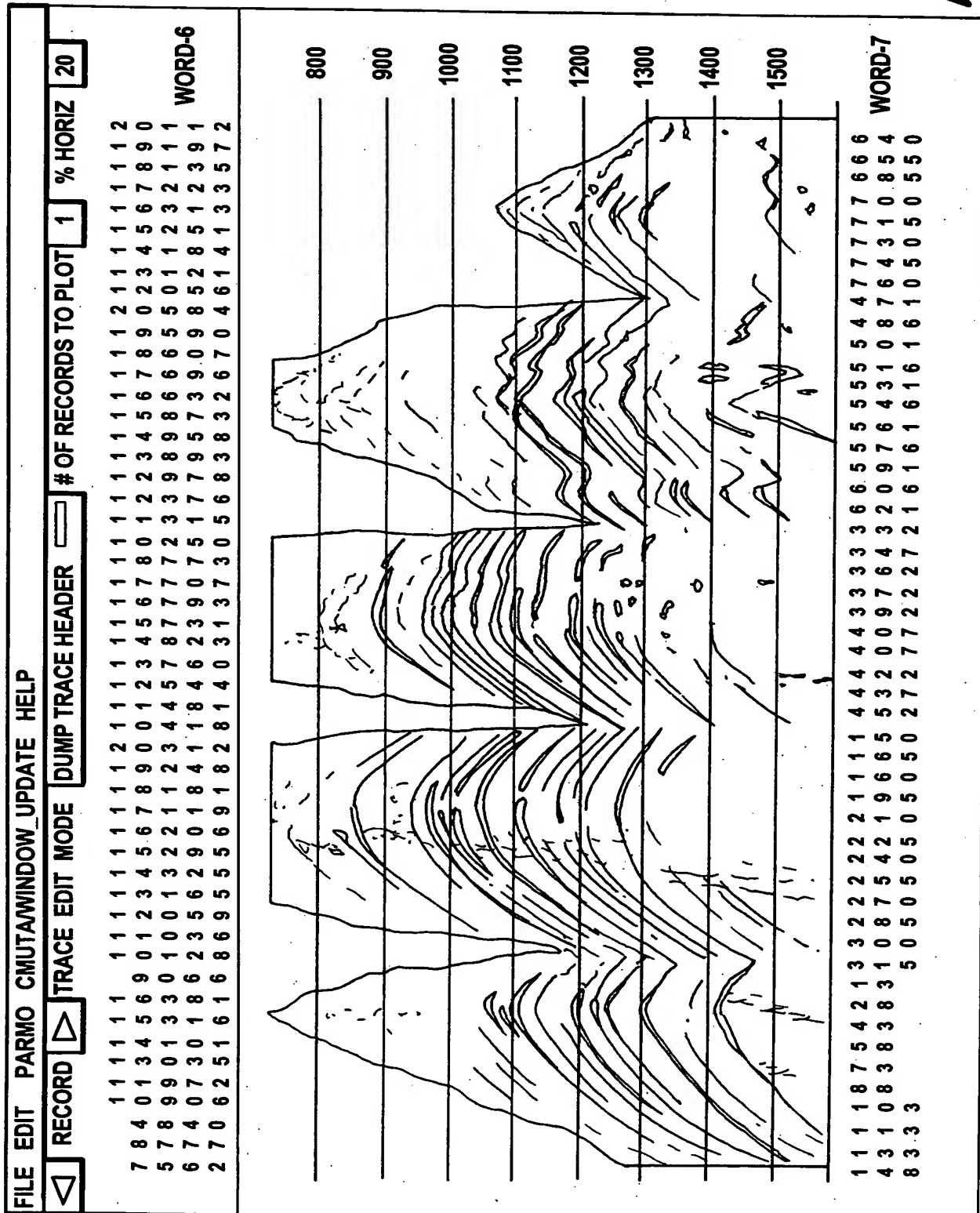
**FIG. 7**











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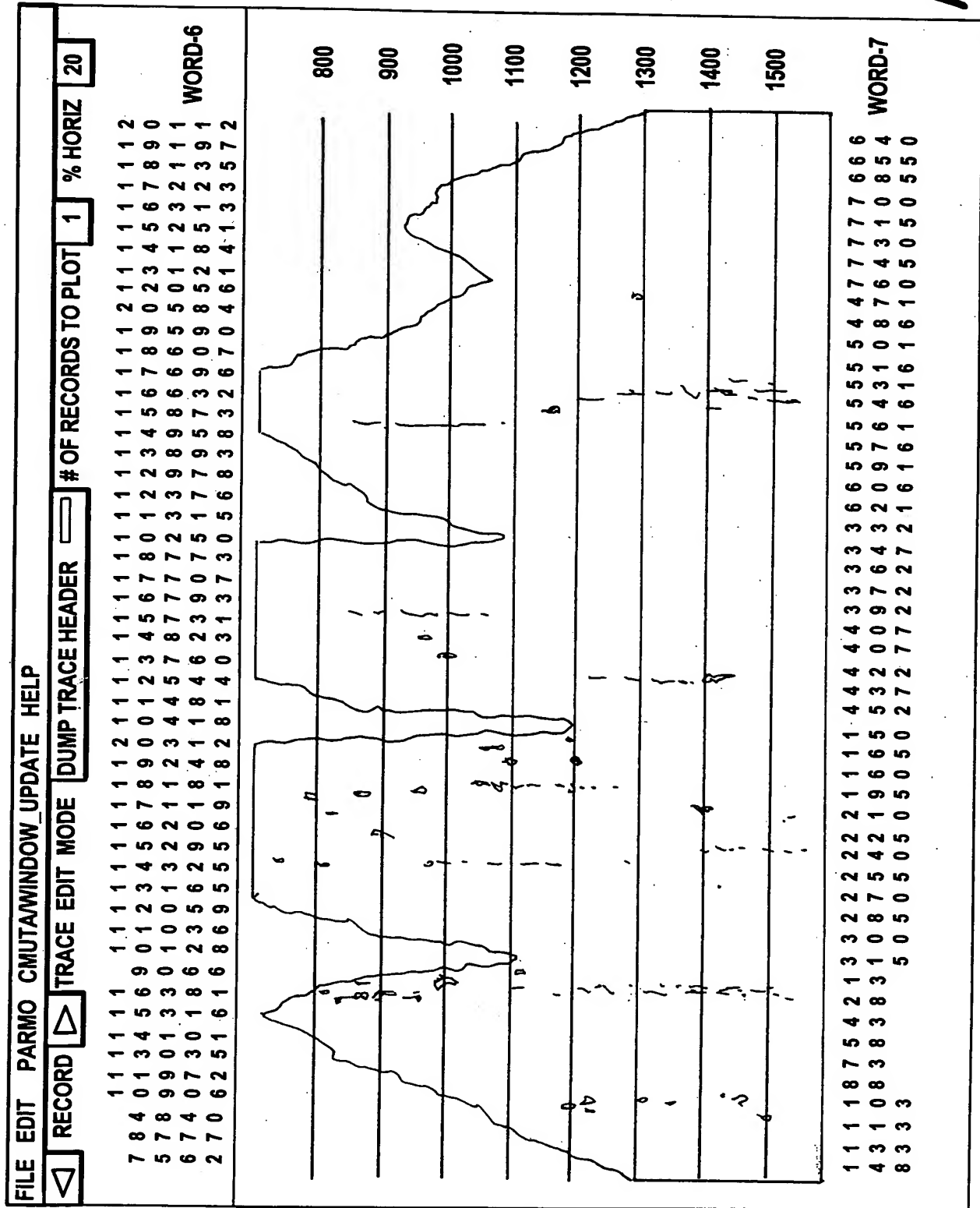


FIG. 12